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PRE-APPEAL BRIEF REQUEST FOR REVIEW

Docket Number (Optional)
02CR305/KE

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)]

on MARCH 18, 2008

Signature Sheila K. Mathews

Typed or printed name Sheila K. Mathews

Application Number	Filed
10/664,214	September 17, 2003

First Named Inventor: Vincent P. Marzen

Art Unit	Examiner
2629	K. Nguyen

Applicant requests review of the final rejection in the above-identified application. No amendments are being filed with this request.

This request is being filed with a notice of appeal.

The review is requested for the reason(s) stated on the attached sheet(s).
Note: No more than five (5) pages may be provided.

I am the

- [ ] applicant/inventor.
- [ ] assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- [X] attorney or agent of record. Registration number 34155.
- [ ] attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34 _____

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3/18/2008
Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

[X] *Total of 1 forms are submitted.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF	)	GROUP ART UNIT: 2629
Vincent P. Marzen et al.	)	EXAMINER: K. Nguyen
SERIAL NO: 10/664,214	)	DOCKET REF.: 02CR305/KE
FILED: September 17, 2003	)	SUBMITTED: March 18, 2008

FOR: METHOD AND APPARATUS FOR DATA ENTRY FOR A LIQUID CRYSTAL DISPLAY

FOUR PAGE ATTACHMENT OF REASONS FOR PRE-APPEAL BRIEF REQUEST FOR REVIEW

The Examiner ignores claim limitations about detecting a shockwave in the liquid crystal (LC) panel with sensors around the LC periphery.

Claim 1 includes:

> said plurality of shockwave detectors configured to use a time of arrival of a tap-generated shockwave to determine a point of origin of the tap-generated shockwave in the liquid crystal panel which results from a touch occurring at said point of origin.

Claims 11 contains:

> providing a display panel comprising a liquid crystal material, said display having a viewing area;
>
> tapping a first location on said viewing area and thereby generating a shockwave as a result of such tapping;

Claim 17 includes:

a liquid crystal material having a viewing surface;

a plurality of shockwave detectors disposed about a periphery of said viewing surface; and

means for performing a triangulation computation to determine a location of a point of tactile stimulation on said viewing surface, said means for performing being responsive to signals representative of a detection of a tap-generated shockwave, generated at said point of tactile stimulation, by said plurality of detectors.

The cited reference does not teach a shockwave in the LC. Indeed, it says otherwise. At the bottom of column 4, Miwa states:

> Referring to FIG. 4, the input device shown in FIG. 2 is operated by touching a designated point P (X, Y) on the glass panel 1 with a pen or the like, the shock waves are propagated on the surface of the glass panel 1 or through it, and reach the respective sensors S_1 to S_4. The resulting timing chart is shown in the graph. t_0 shows a time when a designated point is touched, and t_1 to t_4 show times when the

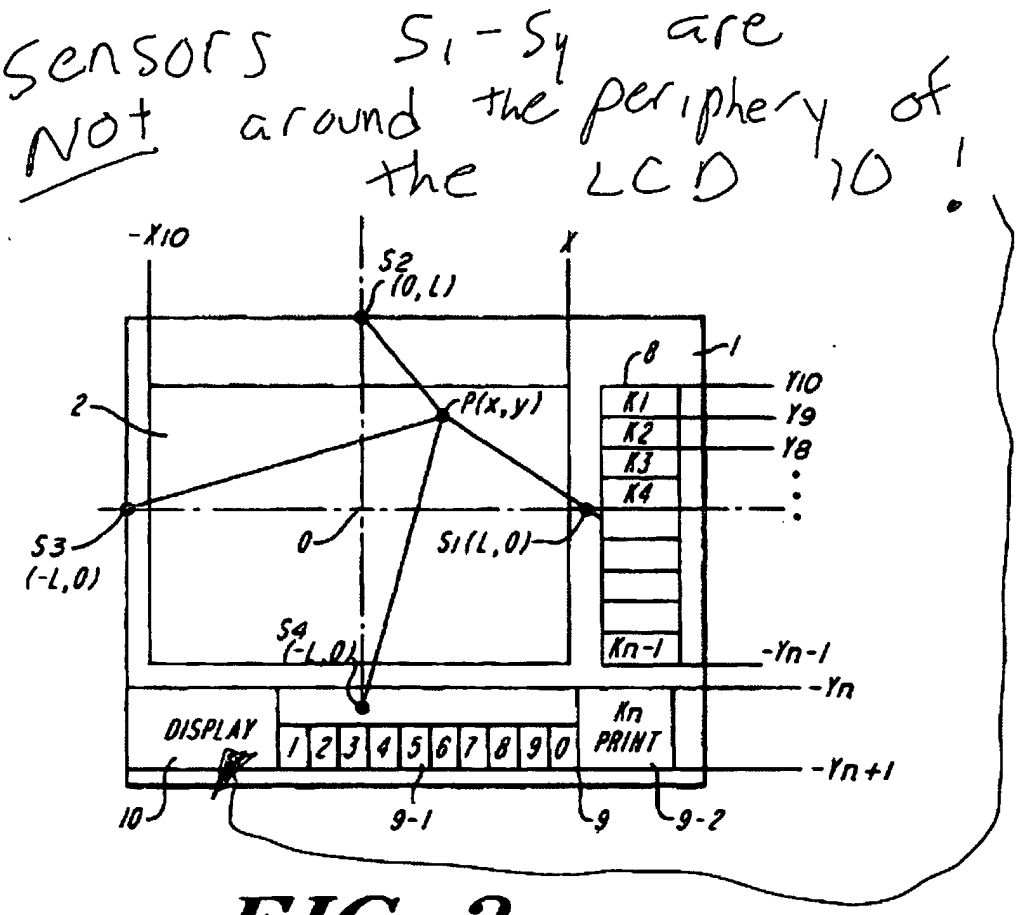

FIG. 2

With respect to claim 1, the Examiner states that item 10 on the photocopy machine of Miwa is an LC panel and that Miwa shows a periphery. However, the Applicants are not claiming just any "periphery." The Applicants are claiming a PERIPHERY OF THE VIEWING AREA OF THE LIQUID CRYSTAL PANEL.

The Examiner ignores these key limitations in each and every claim.

The Examiner cites sensors around, and sources of vibrations from, an area which is not the LC panel.

Miwa fails to teach an LC panel with sensors around its periphery configured to detect vibrations from the interior of the LC panel.

Regarding claim 11, the Examiner says element 10 of Miwa is the viewing area, but then ignores key aspects of the following limitation:

> "tapping a first location ON ***SAID*** VIEWING AREA
> and thereby generating a shockwave."

The Examiner ignores the word "SAID".

The Examiner errs again with claim 17 -- citing item 10 as the LC panel, and then citing the periphery of something else.

Lastly, the Examiner in paragraph 3 of page 2 of the office action, states: (Please read carefully and try to understand what the second sentence means).

> **panel 1. Figure 1 of Miwa further discloses four sensors (S1 to S4) is positioned at the boundary of the liquid crystal display panel (1, 10). The liquid crystal display panel (10) is displayed the information being touching which implies said viewing area of the liquid crystal panel as claimed. Column 9, line 65 to column 10, line 2 of Miwa further discloses under this arrangement of the sensors S1 to S4, in which they are arranged on the boundaries with an image area of the glass panel (1) which is integrated in the liquid crystal panel (10).**

The Applicants are unable to understand this excerpt. The first sentence is understandable, but incorrect. The last clause of the excerpt above incorrectly states the glass panel 1 is integrated in the LC panel 10.

For the above reasons, reversal of the rejections is requested.